Substitute for form 1449/PTO

Sheet 1

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Unice; U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Unice; U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Unice; U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Unice; U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Unice; U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Unice; U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Unice; U.S. DEPARTMENT OF COMMERCE U.S. DEPARTMENT OF U.S. DEPAR

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

 Complete if Known

 Application Number
 10/718,040

 Filing Date
 11/19/2003

 First Named Inventor
 Michael G. Boehm

 Art Unit
 3653

 Examiner Name
 009786-0017

	1 60			DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant
		Number-Kind Code <sup>2 (ff known)</sup>			Figures Appear
		<sup>US-</sup> 2513093		Hagman	
		<sup>US-</sup> 2618336		Davidson	
		<sup>US-</sup> 2655842		Baumgartner	
		<sup>US-</sup> 3127027		Roser et al.	
-		<sup>US-</sup> 3128928		Davis	
		<sup>US-</sup> 3140026		Davis	
		<sup>US-</sup> 3146927		Peterson	
		<sup>US-</sup> 3182876		Sedor et al.	
		<sup>US-</sup> 3220158		Roser et al.	
		<sup>US-</sup> 3272044		Obenshain	
-		<sup>US-</sup> 3281143		Mommsen et al.	
		<sup>US-</sup> 3302946	<u> </u>	Anderson	
		<sup>US-</sup> 3332324		Lehmacher et al.	
		<sup>US-</sup> 3338487		Schutz	
		US- 3390875		Beert et al.	
		<sup>US-</sup> 3481520		Pickering	
		<sup>US-</sup> 3631651		Корр	
		<sup>US-</sup> 3659766		Alago	
		<sup>US-</sup> 3672551		Peterson	

	FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	T <sub>6</sub>			
		Country Code <sup>3 *</sup> Number <sup>4 *</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YYYY	7,7	Or Relevant Figures Appear				
					·				
				<u> </u>	<u> </u>				
	]	*				$\overline{}$			

Examiner	Date	
Signature	Considered	
		l e

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

	Substitute for form 1449/PTO	Complete if Known		
		Application Number	10/718,040	
	INFORMATION DISCLOSURE	Filing Date	11/19/2003	
		First Named Inventor	Michael G. Boehm	
	STATEMENT BY APPLICANT	Art Unit	3653	
	(Use as many sheets as necessary)	Examiner Name		
_	Sheet 2 of 6	Attorney Docket Number	009786-0017	

Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
nitials*	No.1	Number-Kind Code <sup>2 (if known)</sup>	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevan Figures Appear
		<sup>US-</sup> 3730411		Brockmuller	
		<sup>US-</sup> 3741451		Parenti et al.	
		<sup>US-</sup> 3748937		Long	
•		<sup>US-</sup> 3777958		Graham	
		<sup>US-</sup> 3794228		Colwill et al.	
		<sup>US-</sup> 3797822		Anderson	
	·	<sup>US-</sup> 3847318		Parenti et al.	
		<sup>US-</sup> 3856196		Bayne	
		<sup>US-</sup> 3863821		Van Bennekom	
		<sup>US-</sup> 3881645		Kopp	
		<sup>US-</sup> 3888399		Hanson et al.	
		<sup>US-</sup> 3897052		Turman et al.	
		<sup>US-</sup> 3908983		Long	
		<sup>US-</sup> 3929326		Seragnoli	
		us- 3968196		Wiley	
		us- 3987603		Jelling et al.	
		<sup>US-</sup> 3991924		Schueler	
		<sup>US-</sup> 4022364		Davis	
		<sup>US-</sup> 4025023		Moffitt	

		FORE	IGN PATENT DOCU	MENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>5</sup> (if known)	MM-DD-YYYY	7 pp. scarr of Group Document	Or Relevant Figures Appear	Τ'
					-	
						L
						Ļ
	ļ	7.00.00.1				L
	l					l

Examiner	Date	
Signature	Considered	
Olgitatare	Considered	í

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Sub	ostitute for form 1449/PTO		Complete if Known		
			Application Number	10/718,040	
IN	IEODMATION I	NISCI OSLIDE	Filing Date	11/19/2003	
	INFORMATION DISCLOSURE STATEMENT BY APPLICANT		First Named Inventor	Michael G. Boehm	
S			Art Unit	3653	
	(Use as many sheets	as necessary)	Examiner Name		
Sheet	l3 o	f 6	Attorney Docket Number	009786-0017	

Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
Initials*	No.1	Number-Kind Code <sup>2 (if known)</sup>	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
		<sup>US-</sup> 4039181		Prewer	
		<sup>US-</sup> 4060168		Romagnoli	
		<sup>US-</sup> 4069957		Moffitt	
		<sup>US-</sup> 4091978		Graham, II	
-		<sup>US-</sup> 4118022		Rayfield et al.	
		<sup>US-</sup> 4131272		Hartnig	
		<sup>US-</sup> 4145035		Moser	
		<sup>US-</sup> 4179113		Gallimore	
		<sup>US-</sup> 4182222		Stahl	
		<sup>US-</sup> 4216952		McInerny	
		<sup>US-</sup> 4217744		Mizutani	
		US- 4222511		Schueler	
		<sup>US-</sup> 4261497		Roetter et al.	
		us- 4268344		Jones	
		US- 4284221		Nagel et al.	
		US- 4323230		Rising	
		<sup>US-</sup> 4345753		Marshall	
		<sup>US-</sup> 4351517		Neal et al.	
		<sup>US-</sup> 4354894		Lewis et al.	

		FORE	IGN PATENT DOCU	MENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code <sup>3 -</sup> Number <sup>4 -</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	Ŀ
			ļ	•		
						ſ
						ſ
				-		T
						۴

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete if Known Substitute for form 1449/PTO **Application Number** 10/718,040 Filing Date 11/19/2003 INFORMATION DISCLOSURE First Named Inventor Michael G. Boehm STATEMENT BY APPLICANT Art Unit 3653 (Use as many sheets as necessary) **Examiner Name** Sheet 4 009786-0017 Attorney Docket Number

			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Document Number  Number-Kind Code <sup>2 (f known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear
	-	US- 4075400		Damas et al	- Igaicar Appea
		<sup>US-</sup> 4375189		Berner et al.	
		<sup>US-</sup> 4385537		Wolf	
		<sup>US-</sup> 4397410		Schueler	
		<sup>US-</sup> 4401249		Kadlecik et al.	
		<sup>US-</sup> 4412631		Haker	
		<sup>US-</sup> 4429217		Hill et al.	
		<sup>US-</sup> 4454973		Irvine	
		<sup>US-</sup> 4455809		Dllaserra	
		<sup>US-</sup> 4473218		Dudek	
		<sup>US-</sup> 4479597		Johnson et al.	
		<sup>US-</sup> 4498894		Kuckhermann	
		<sup>US-</sup> 4516765		Stocco et al.	
		<sup>US-</sup> 4524557		Silverman et al.	
, .		<sup>US-</sup> 4529114		Casper et al.	
		US- 4530200		Prewer	
		<sup>US-</sup> 4606534		Gombault	
		<sup>US-</sup> 4616773		Kerivan	
		<sup>US-</sup> 4623081		Hain et al.	
		<sup>US-</sup> 4651983		Long	

	FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages			
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T <sup>6</sup>		
				·				
				·				
		,						
						Т		

Examiner		 Date	
Signature		Considered	
	1		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO	Complete if Known		
	Application Number	10/718,040	
INFORMATION DISCLOSURE	Filing Date	11/19/2003	
	First Named Inventor		
STATEMENT BY APPLICANT	Art Unit	3653	
(Use as many sheets as necessary)	Examiner Name		
Sheet 5 of 6	Attorney Docket Number	009786-0017	

		·		DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Document Number  Number-Kind Code <sup>2 (if known)</sup>	Publication Date  MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear
		<sup>US-</sup> 4658564		Bell Jr. et al.	
		<sup>US-</sup> 4668212		Kotani	
		<sup>US-</sup> 4688708		Irvine et al.	
		<sup>US-</sup> 4696145		Schmidt et al.	
-		<sup>US-</sup> 4717043		Groover et al.	
		<sup>US-</sup> 4929226		Focke et al.	
		<sup>US-</sup> 4982337		Burr et al.	
		<sup>US-</sup> 4999974		Kovacs et al.	
·		<sup>US-</sup> 5079901		Kotsiopoulos	
		<sup>US-</sup> 5297711		Kogen	
		<sup>US-</sup> 5377474		Kovacs et al.	
		<sup>US-</sup> 5427294		Vander Menvel et al.	
		<sup>US-</sup> 5549233		Clauser	
		<sup>US-</sup> 5588280		Kotsiopoulos	
		us- 5715656		Pearce	
		<sup>US-</sup> 5784861		Kotsiopoulos	·
		<sup>US-</sup> 5785224		Nowakowski	
		<sup>US-</sup> 5845462		Kuehl et al.	•
_		<sup>US-</sup> 5966906		Kuehl et al.	

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Cite Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages		
		Country Code <sup>3 -</sup> Number <sup>4 -</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T	
						L	
					·	L	
					ļ. <u></u> .	L	

Examiner	Date	
Signature	Considered	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

	Substitute for form 1449/PTO	Complete if Known		
		Application Number	10/718,040	
	INFORMATION DISCLOSURE	Filing Date	11/19/2003	
		First Named Inventor	Michael B. Boehm	
	STATEMENT BY APPLICANT	Art Unit	3653	
	(Use as many sheets as necessary)	Examiner Name		
$\overline{}$	Sheet 6 of 6	Attorney Docket Number	009786-0017	

				DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Document Number  Number-Kind Code <sup>2 (ff known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 6082079	<u> </u>	Kuchletel	1.5-10-1-12-1
	ļ			Kuehl et al.	
		<sup>US-</sup> 3675542		Torigoe	
		<sup>US-</sup> 4825622		Nigg	
		<sup>US-</sup> 5104022		Nakamura et al	
		<sup>US-</sup> 6257475		Ishii et al	
		<sup>US-</sup> 6206262		Achelpohl et al	
		<sup>US-</sup> 3894669		Wescoat	
		<sup>US-</sup> 5239809		Long	
		<sup>US-</sup> 5640891		Hoffa	
		US-			
		US-			
		US-			
•		US-			
		US-			
•		US-			
		US-			
		US-	<u> </u>		
		US-			•
		US-			· · · · · · · · · · · · · · · · · · ·

Examiner Initials*	Cite No.1	Cite Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T
		53-38997	10/18/78	Japan		
		53-31067	08/31/78	Japan		
		2,013,280	11/08/90	Canada		
		0,472,624	03/04/92	European		

Examiner	Date	
Signature	Considered	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.